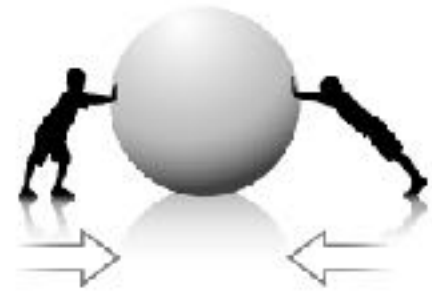
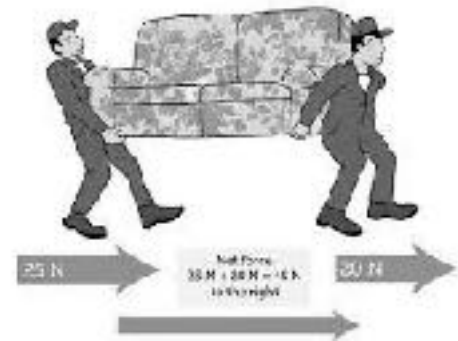


A force is a push or a pull.



The strength of a force is measured using the SI unit the newton.



The overall force on an object, called the net force, is found by combining all of the forces acting on the object.

1Newton $\frac{kg \times m}{s^2}$

Unbalanced forces can cause an object to start moving, stop moving, or change direction. Unbalanced forces acting on an object will change the object's motion.



Equal forces acting in opposite directions are called balanced forces. Balanced forces acting on an object will not change the object's motion.

